Applicant: Marcus F. Boehm et al.

Attorney's Docket No.: 18202-002009 / 1002H

Serial No.: 08/141,496

Amendment & Response

Serial No.: 08/141,496 Filed: October 22, 1993

## **AMENDMENTS TO THE CLAIMS:**

Claims 71, 74, 75 and 79-81 are pending. Claims 70, 72, 73 and 76-78 are cancelled herein. Claims 71, 74 and 75 are amended. This listing of claims will replace all prior versions, and listings of claims, in the application.

## **LISTING OF CLAIMS:**

Claims 1-69 (Cancelled).

70. (Cancelled)

71. (Currently amended) A compound represented by formula I or II:

$$R_{14}$$
 $R_{3}$ 
 $R_{4}$ 
 $R_{14}$ 
 $R_{3}$ 
 $R_{4}$ 
 $R_{15}$ 
 $R_{16}$ 
 $R_{17}$ 
 $R_{18}$ 
 $R_{19}$ 
 $R_{19$ 

or

$$R^{"}$$
 $R^{"}$ 
 $R^{"$ 

wherein:

R<sub>1</sub> is hydrogen or a lower alkyl comprising 1-4 carbon atoms;

R<sub>2</sub> is hydrogen or a lower alkyl comprising 1-4 carbon atoms;

Y is C, N, S, or O, wherein:

if Y is C, then R<sub>3</sub> is hydrogen or a lower alkyl comprising 1-4 carbon atoms, and R<sub>4</sub> is hydrogen or a lower alkyl comprising 1-4 carbon atoms,

if Y is N, then R<sub>3</sub> is hydrogen or a lower alkyl comprising 1-4 carbon atoms, and R<sub>4</sub> does not exist,

if Y is S, then R<sub>3</sub> does not exist, and R<sub>4</sub> does not exist,

if Y is O, then R<sub>3</sub> does not exist, and R<sub>4</sub> does not exist;

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R<sub>14</sub> is hydrogen or a lower alkyl comprising 1-4 carbon atoms;

R' is hydrogen or a lower alkyl comprising 1-4 carbon atoms and R" is a lower alkyl comprising 1-4 carbon atoms; , or R' and R" together form a cyclopropyl group, wherein the cyclopropyl group is optionally substituted with a lower alkyl having 1-4 carbon atoms;

R" is hydrogen or a lower alkyl comprising 1-4 carbon atoms, and R" is a lower alkyl comprising 1-4 carbon atoms; , or R" and R" together form a cycloalkyl comprising 3-10 carbon atoms, wherein the cycloalkyl group is optionally substituted with a lower alkyl having 1-4 carbon atoms;

X is COOH and originates from C3, C4, or C5 of the ring; and n = 0-1;

or a pharmaceutically acceptable ester, amide or salt thereof.

Claims 72 and 73 (Cancelled).

74. (Currently amended) A compound represented by formula I or II:

$$R_1$$
 $R_2$ 
 $R'$ 
 $R''$ 
 $R''$ 
 $R_3$ 
 $R_4$ 
 $R_4$ 
 $R_5$ 

or 
$$R'''$$
  $R''''$   $R''''$   $R''''$   $R''''$   $R''''$ 

wherein:

R<sub>1</sub> is hydrogen or a lower alkyl comprising 1-4 carbon atoms;

R<sub>2</sub> is hydrogen or a lower alkyl comprising 1-4 carbon atoms;

Y is C, N, S, or O, wherein:

if Y is C, then R<sub>3</sub> is hydrogen or a lower alkyl comprising 1-4 carbon atoms, and R<sub>4</sub> is hydrogen or a lower alkyl comprising 1-4 carbon atoms,

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if Y is N, then R<sub>3</sub> is hydrogen or a lower alkyl comprising 1-4 carbon atoms, and R<sub>4</sub> does not exist,

if Y is S, then R<sub>3</sub> does not exist, and R<sub>4</sub> does not exist,

if Y is O, then R<sub>3</sub> does not exist, and R<sub>4</sub> does not exist;

 $R_5$  is an alkyl comprising 1-4 carbon atoms, or  $R_5$  is  $OR_7$ , wherein  $R_7$  is hydrogen or a lower alkyl comprising 1-6 carbon atoms;

R<sub>14</sub> is hydrogen or a lower alkyl comprising 1-4 carbon atoms;

R' is hydrogen and R" is hydrogen, or R' and R" together form an oxo (keto), or a methano;

R'" is hydrogen;

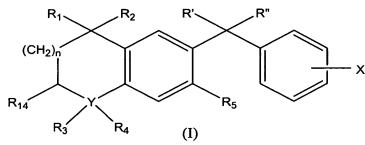
R"" is hydrogen;

X is COOH and originates from C3, C4, or C5 of the ring; and

$$n = 0-1$$
; or

a pharmaceutically acceptable ester, amide or salt thereof.

75. (Currently amended) A compound represented by formula I or II:



or

$$R^{"}$$
 $R^{"}$ 
 $R^{"$ 

wherein:

R<sub>1</sub> is hydrogen or a lower alkyl comprising 1-4 carbon atoms;

R<sub>2</sub> is hydrogen or a lower alkyl comprising 1-4 carbon atoms;

Y is C, N, S, or O, wherein:

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if Y is C, then R<sub>3</sub> is hydrogen or a lower alkyl comprising 1-4 carbon atoms, and

R<sub>4</sub> is hydrogen or a lower alkyl comprising 1-4 carbon atoms,

if Y is N, then R<sub>3</sub> is hydrogen or a lower alkyl comprising 1-4 carbon atoms, and R<sub>4</sub> does not exist,

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if Y is S, then R<sub>3</sub> does not exist, and R<sub>4</sub> does not exist,

if Y is O, then R<sub>3</sub> does not exist, and R<sub>4</sub> does not exist;

 $R_5$  is an alkyl comprising 1-4 carbon atoms, or  $R_5$  is  $OR_7$ , wherein  $R_7$  is hydrogen or a lower alkyl comprising 1-6 carbon atoms;

R<sub>14</sub> is hydrogen or a lower alkyl comprising 1-4 carbon atoms;
R' is hydrogen or a lower alkyl comprising 1-4 carbon atoms and R" is a lower alkyl comprising 1-4 carbon atoms; , or R' and R" together form a cyclopropyl group, wherein the cyclopropyl group is optionally substituted with a lower alkyl having 1-4 carbon atoms;

R" is hydrogen or a lower alkyl comprising 1-4 carbon atoms, and R" is a lower alkyl comprising 1-4 carbon atoms; , or R" and R" together form a cycloalkyl comprising 3-10 carbon atoms, wherein the cycloalkyl group is optionally substituted with a lower alkyl having 1-4 carbon atoms;

X is COOH and originates from C3, C4, or C5 of the ring; and

n = 0-1; or

a pharmaceutically acceptable ester, amide or salt thereof.

Claims 76 and 77 (Cancelled).

- 78. (Cancelled).
- 79. (Previously presented) A pharmaceutical composition comprising a compound according to claim 71 and a pharmaceutically acceptable carrier.
- 80. (Previously presented) A pharmaceutical composition comprising a compound according to claim 74 and a pharmaceutically acceptable carrier.
- 81. (Previously presented) A pharmaceutical composition comprising a compound according to claim 75 and a pharmaceutically acceptable carrier.